

UTAH DEPARTMENT *of*
ENVIRONMENTAL QUALITY

**WATER
QUALITY**

Results of the 2019 WMPP Survey

WQ Board Mtg
Harry Campbell – August 26, 2020

Three Sections of MWPP Survey

1. Financial Planning (Engineering Section)
2. Supportive of Utah Sewer Management Program (UAC R317-801.)
3. Supportive of UAC R317-10 Certification of Wastewater Works Operators

2020 MWPP Survey

- 55 more respondents than 2018
- 77% of Mailing List
- Results saved in Excel files - easy access
- Continuing application w/ Qualtrics
- Municipal Wastewater Focus
- Year to Year comparisons
- Information for Financial Planning
- Information for Improved Operations

MWPP Survey Coverage

- 88% of all UPDES Municipal WW Permits
- 96% of UPDES Permit Discharge Flow.
- Population 3,653,630
- Connections (or ERUs) 1,107,013
- 35% of Non-Discharging Permits
- 171 Collection Systems

Funding Sources

- 87% Respond to User Fee inquiry
Avg User Fee - \$35.08
- 62% Apply Impact Fees
Avg Impact Fees - \$2,782.45
- 19% Taxes fund Operations
Avg Tax used to fund - \$1.5 million

General Questions

The following questions had a 95 – 96% response rate

Are sewer revenues maintained in a dedicated purpose enterprise/district account? (95-96%)

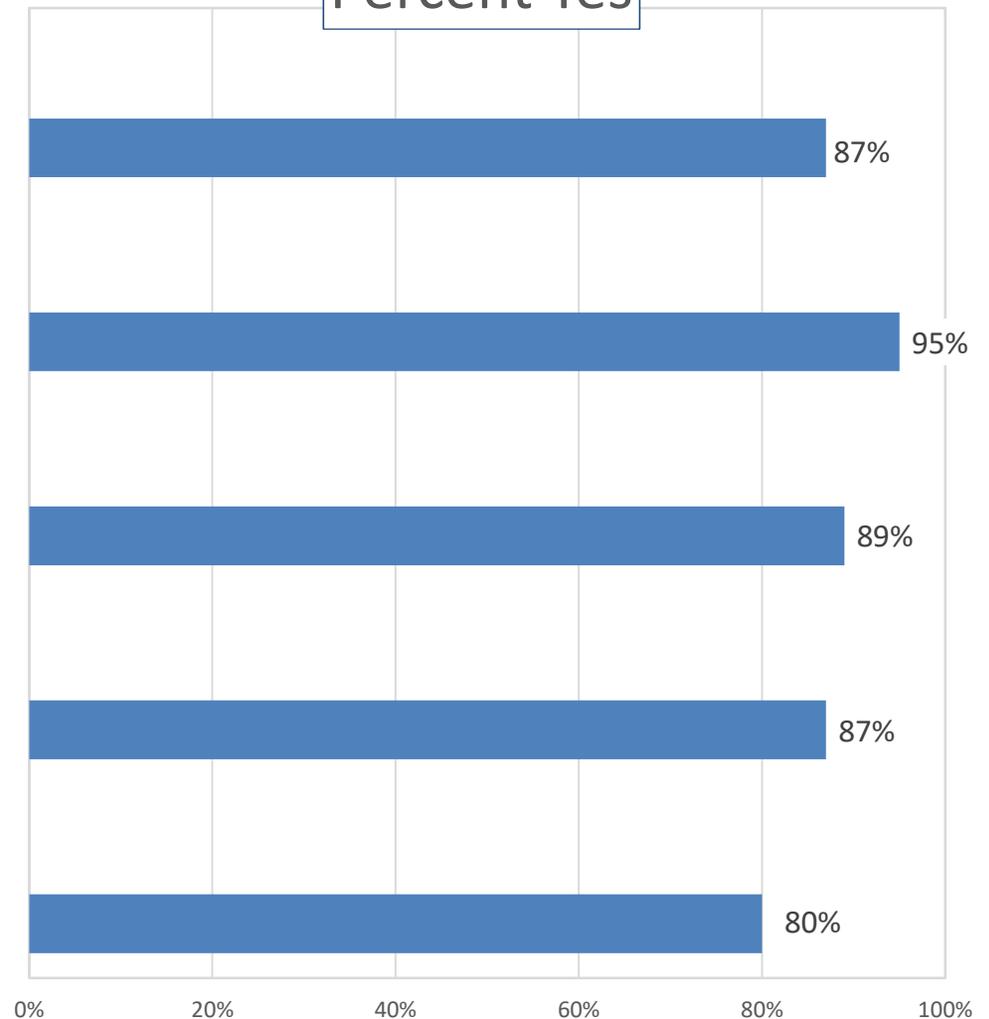
Are you collecting 95% of your anticipated sewer revenue?

Are debt service reserve fund requirements being met?

Are sewer revenues sufficient to cover operations & maintenance costs, and repair & replacement costs (OM&R) at this time?

Are projected sewer revenues sufficient to cover OM&R costs for the next five years?

Percent Yes



OPERATING REVENUES AND RESERVES

Percent Yes

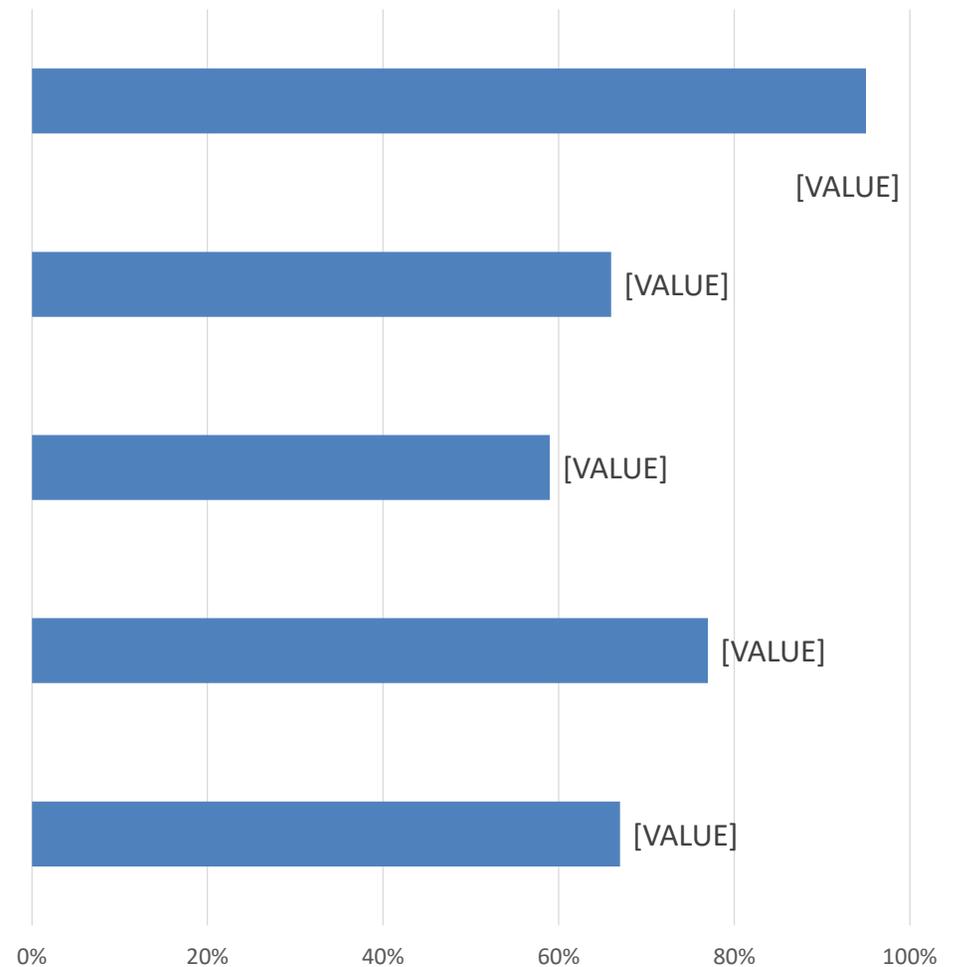
Does the sewer system have sufficient staff to provide proper OM&R?

Has a repair and replacement sinking fund been established for the sewer system?

Is the repair & replacement sinking fund sufficient to meet anticipated needs?

Are sewer revenues sufficient to cover all costs of current capital improvements projects?

Has a Capital Improvements Reserve Fund been established to provide for anticipated capital improvement projects?



CAPITAL IMPROVEMENTS REVENUES AND RESERVES

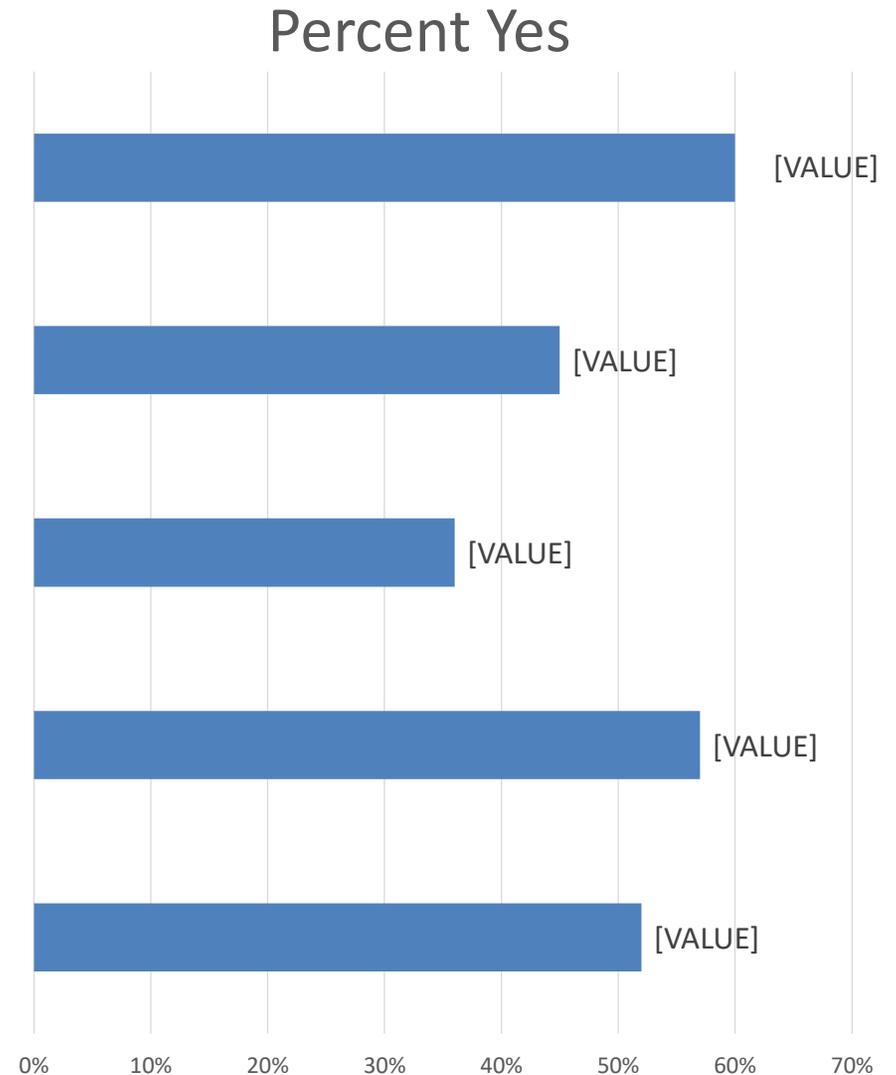
Are projected Capital Improvements Reserve Funds sufficient for the next five years?

Are projected Capital Improvements Reserve Funds sufficient for the next ten years?

Are projected Capital Improvements Reserve Funds sufficient for the next twenty years?

Have you completed a rate study within the last five years?

Have you completed an impact fee study in accordance with UCA 11-36a-3 within the last five years?



FISCAL SUSTAINABILITY REVIEW

Percent Yes

Do you maintain a plan of operations?



Have you updated your capital facility plan within the last five years?



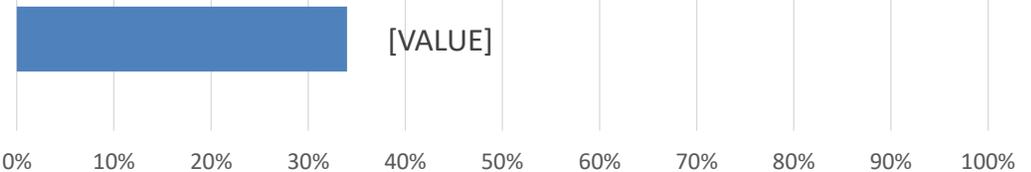
Do you use an asset management system for your sewer system?



Do you know the total replacement costs of your sewer system capital assets?



Do you fund sewer system capital improvements annually with sewer revenues at 2% or more of the total replacement cost? (93% Response)



Capital Improvement Projects

How Many Projects?

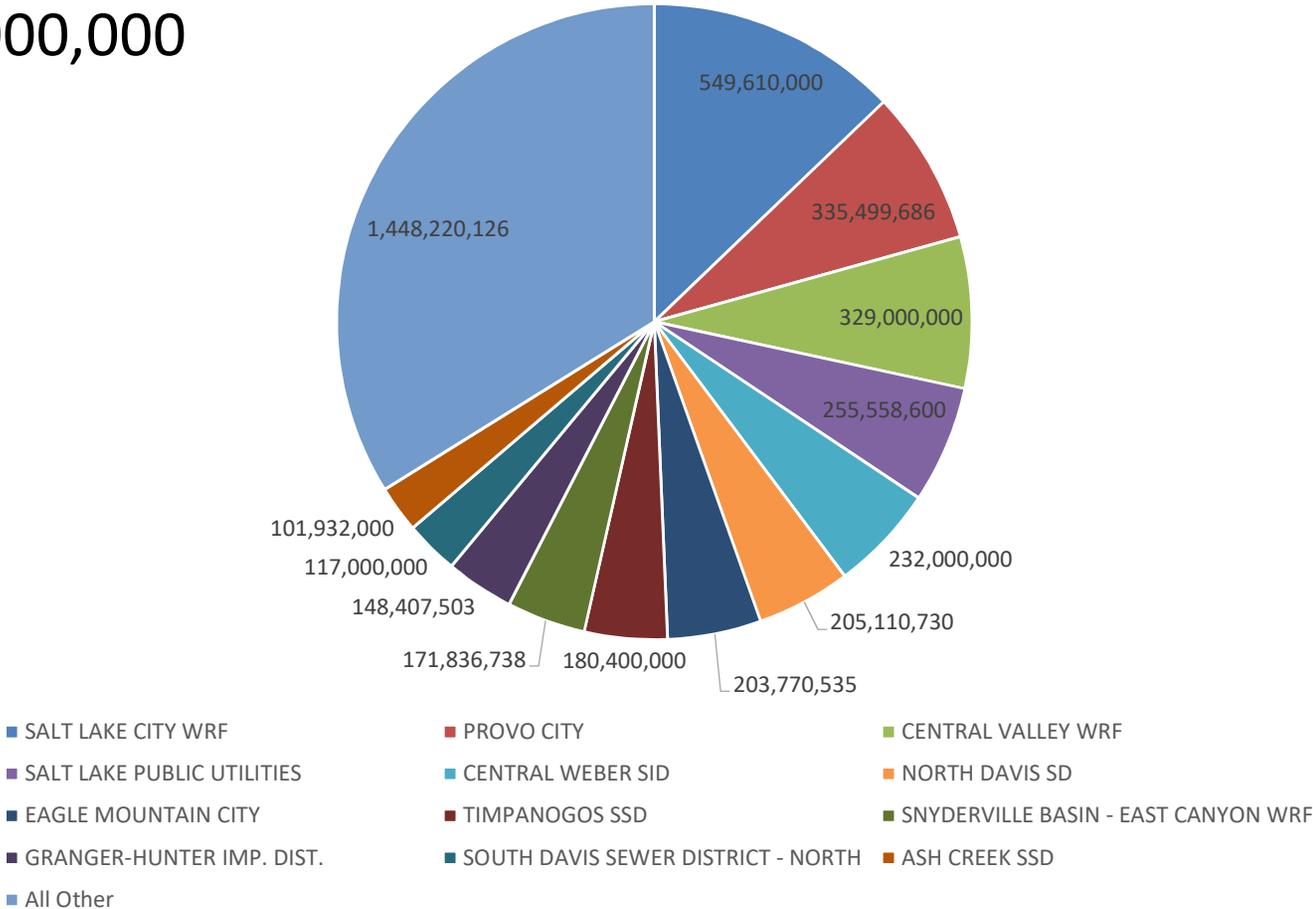
	'20 – '25	'26 – '30	'31 – '35	'36-'40
Up to \$1,000,000	60	42	43	33
\$1 mil to \$3 mil	14	16	10	9
\$3 mil to \$5 mil	4	6	7	7
\$5 mil to \$10 mil	0	0	0	0
\$10 mil to \$50 mil	0	0	0	0
\$50 mil to \$100 mil	0	0	0	0
\$100 mil to \$600 mil	7	0	0	3

28% Did not make any entry in any time block

The Next 20 Years

Total Capital Plans,
\$4,278,000,000

Capital Plans



Questions?

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